

Headquarters U.S. Air Force

Integrity - Service - Excellence

USAF Future Training Flight Plan



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Topics

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- **Air Force Smart Ops for the 21st Century (AFSO-21)**
 - **Training Transformation (T2)**
 - **Distributed Mission Operations**
 - **Increasing Training Efficiencies**
 - **Energy Conservation**
 - **Aircrew Training Review**
 - **Future Training**



AFSO-21 Smart Ops

- **Air Force unique model** using portions of:
 - **Lean, Six Sigma, Theory of Constraints, and Business Process Reengineering**
- **How best to deal with declining resources without loss to combat capability?**
- **AFSO-21 looks to eliminate any unnecessary steps within the training process**
 - **Cut non-value added requirements**
 - **Improve how we operate...look to desired result**
 - **Add agility in response to dynamic events**



Training Transformation (T2)

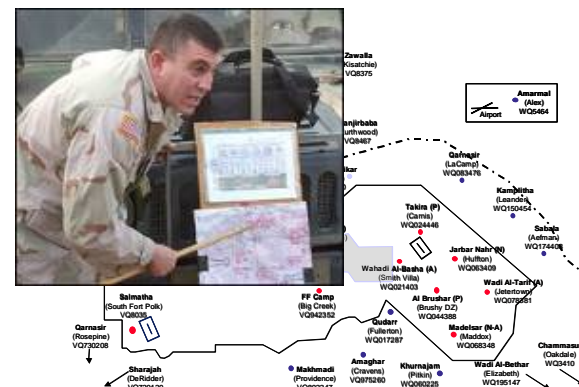
- DMO is the USAF contribution to DoD's T2 efforts
- Joint National Training Capability (JNTC) is focused on integrating Live, Virtual and Constructive training to improve joint force readiness
- DMO is our critical enabler for current JNTC efforts



Search and Rescue



Ground forces
and artillery



Command & Control
Support



Distributed Mission Operations

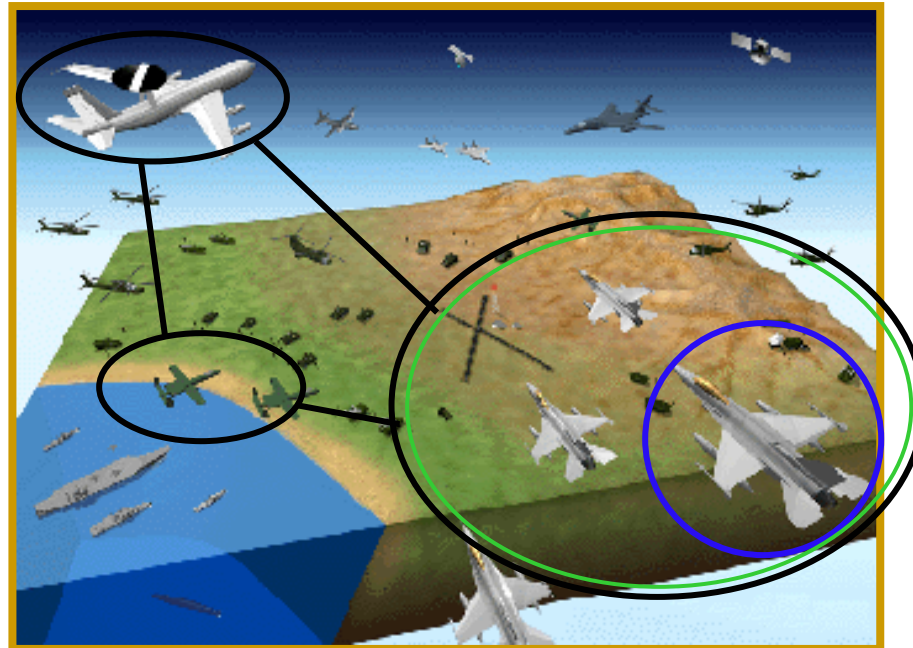
Training Levels

Individual

Team

Inter-Team

Full
Mission
Rehearsal



Player Types

Live

Virtual
(Man in the Loop)

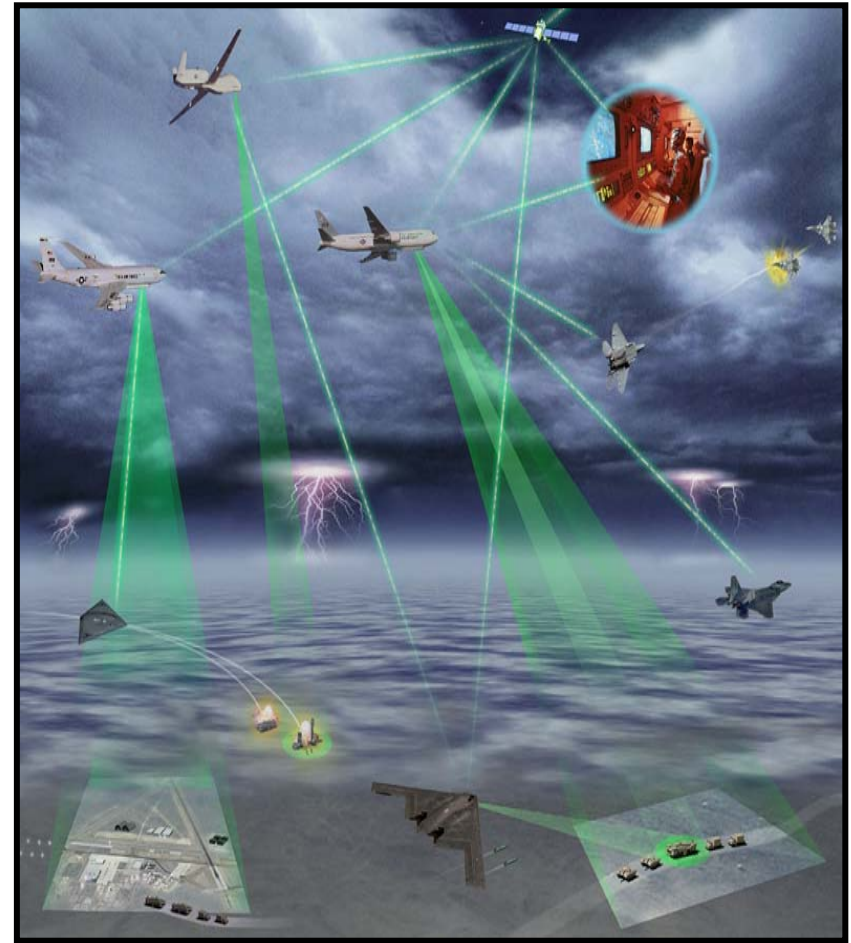
Constructive
(Computer Generated)

**Train aircrews in a realistic, fully integrated environment
from individual training through full mission rehearsal**



DMO Training Objectives

- **Horizontal and Vertical Training**
- **Distributed Combat Environment**
- **Integrated (C4ISR)**
- **AEF Pre-Deployment Preparation**
- **Theater Air Control System (TACS)**





Energy Conservation

- **Using AFSO21 establish an operational review structure and processes to develop and analyze alternative CONOPS to promote/create energy efficiencies in aviation operations and training**
 - **Establish Operational Energy Review/Investigation Structure**
 - **Evaluate operational and training policies to promote energy efficiencies**
 - **Develop alternatives for conducting flying operations/training that may yield energy efficiencies**
 - **Establish procedural changes promoting energy efficiencies**



Aircrew Training Review

- **CSAF directed a review of flying training**
 - Increased demands for rated officers in AOC and UAS
 - Decreasing force structure to grow rated officers
- **Goal: Deploy training capability to meet future demands**
- **Process**
 - AETC leads review, with MAJCOM & Air Staff support
 - Must consider constrained resource environment
 - Clean slate review--methods, processes and systems
 - Identify means to improve effectiveness/efficiency
 - Assess and refine proposal



USAF Future Training

- **Establish DMO/Simulation flight equivalency to satisfy Ready Aircrew Program (RAP) / Aircrew semi-annual training requirements**
- **Where can virtual training satisfy live-fly requirements**
- **Commercial simulator usage efficiencies/availability**
 - **Are these efficiencies transferable for USAF ops?**
- **Use HiFi training for experienced aviator credit**

